

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 3, 8, 10 and 17 without prejudice or disclaimer.

1. (Currently Amended) ~~A multilayer structure comprising a layer comprising a A~~
coextrusion binder ~~produced by a process comprising blending a blend comprising:~~

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- 5 to 30 parts of a cografted polymer (A) ~~produced by a process comprising~~
~~cografting a blend of 60-95 parts by weight of a high density polyethylene (A1) of relative density~~
0.940-0.965 and a MFI of 0.1-3 g/10 min under 2.16 kg at 190°C and 40-5 parts by weight of a
polymer (A2) of a ~~low density polyethylene or a metallocene polyethylene with 600 ppm - 6% by~~
weight of an unsaturated carboxylic acid or its functional derivative with respect to the weight of
grafted (A1) and (A2); and

- 95 to 70 parts of a polyethylene (B) of relative density 0.930-0.940 and a MFI of
5-100 g/10 min under 2.16 kg at 190°C; wherein

a blend of the polymer (A) and the polyethylene (B) having

- a relative density of 0.930-0.940, and
- melt flow index measured according to ASTM D 1238 at 190°C/2.16 kg of between
5 and 100 g/10 min; directly attached to said binder, a layer (E) selected from the
group consisting of a layer of a nitrogen-containing or oxygen-containing polar resin,
a layer of polyamide resin, a layer of an aliphatic polyketone, a layer of a saponified
ethylene-vinyl acetate copolymer (EVOH), a layer of a polyester resin, and a metal
layer.

2. (Previously Amended) A binder according to claim 26, in which the

relative density of the polymer (A) + the polyethylene (B) is between 0.930 and 0.940.

3. Cancelled.

4. (Currently Amended) A structure according to claim 3 1, in which either a polyolefin layer (F) or a layer (E) is directly attached on the binder side.

5. (Previously Amended) A structure according to Claim 4, respectively comprising an HDPE layer, said layer of binder, either a layer of EVOH or of an EVOH alloy or a polyamide or polyamide-based layer, a second layer of said binder and an HDPE layer.

6. (Currently Amended) A rigid hollow body made of a multilayer structure according to Claim 3 1.

7. (Previously Amended) A gasoline tank comprising a structure according to Claim 5.

8. Cancelled.

9. (Previously Amended) A coextrusion binder according to claim 26, wherein the polyethylene (A1) is a polyethylene homopolymer or an ethylene copolymer with a comonomer of an α -olefin having from 3 - 30 carbon atoms, an ester of an unsaturated carboxylic acid, or a vinyl ester of a saturated carboxylic acid.

10. Cancelled.

11. (Currently Amended) A multilayer structure according to claim 3 1, wherein the layer (E) is the polyamide resin comprising at least one structural unit of PA-6; PA-6,6; PA-6,10; PA-11; PA-6/6,6; or PA-12.

12. (Currently Amended) A multilayer structure according to claim 3 1, wherein the layer (E) is the saponified ethylene-vinyl acetate copolymer having a degree of saponification of about 90 - 100 mol%.

13. (Currently Amended) A multilayer structure according to claim 3 1, wherein the layer (E) is the polyester resin of polyethylene terephthalate, polybutylene terephthalate, polyethylene naphthenate, or a blend thereof.

14. (Currently Amended) A multiplayer structure according to claim 3 1, wherein the layer (E) is a metal of aluminum, iron, copper, tin, nickel, or alloy thereof.

15. (Previously Amended) A binder according to claim 26, wherein the relative density of the polyethylene (A1) is 0.940 - 0.965.

16. (Previously Added) A binder according to claim 1, wherein the relative density of the polyethylene (A1) is 0.940-0.958.

17. Cancelled

18. (Previously Added) A binder according to claim 1, wherein the polyethylene (B) has a relative density of 0.934-0.938.

19. (Currently Amended) A multilayer structure comprising a layer comprising a coextrusion binder consisting essentially of:

- 5 to 30 parts of a polymer (A) comprising a blend of a polyethylene (A1) of relative density between 0.935 and 0.980 and of a polymer (A2) ~~of an elastomer, a very low density polyethylene or an ethylene copolymer, the (A1) + (A2) blend being co-grafted with an unsaturated carboxylic acid~~ a metallocene polyethylene with 600 ppm - 6% by weight of an unsaturated carboxylic acid or its functional derivative with respect to the weight of grafted (A1) and (A2); and

- 95 to 70 parts of a polyethylene (B) of relative density between 0.930 and 0.950; the blend of the polymer (A) and the polyethylene (B) having:

- a relative density between 0.930 and 0.950,
- a content of grafted unsaturated carboxylic acid of between 30 and 10,000 ppm, and
- a melt flow index measured according to ASTM D 1238 at 190°C/21.6 kg of between 5 and 100; directly attached to said binder, a layer (E) selected from the group consisting of a layer of a nitrogen-containing or oxygen-containing polar resin, a layer of polyamide resin, a layer of an aliphatic polyketone, a layer of a saponified ethylene-vinyl acetate copolymer (EVOH), a layer of a polyester resin, and a metal layer.

20. (Previously Added) A coextrusion binder according to claim 9, wherein said ester of an unsaturated carboxylic acid is an alkyl (meth)acrylate wherein the alkyl group has 1 to 24 carbon atoms.

21. (Previously Added) A coextrusion binder according to claim 9, wherein said comonomer is propylene, 1-butene, 1-pentene, 3-methyl-1-butene, 1-hexene, 4-methyl-1-pentene, 3-methyl-1-pentene, 1-octene, 1-decene, 1-dodecene, 1-tetradecene, 1-hexadecene, 1-octadecene, 1-eicocene, 1-dococene, 1-tetracocene, 1-hexacocene, 1-octacocene, 1-triacontene, methyl methacrylate, ethyl acrylate, n-butyl acrylate, isobutyl acrylate, 2-ethylhexyl acrylate, vinyl acetate, or vinyl propionate.

22. (Previously Amended) A coextrusion binder according to claim 26, wherein the amounts of (A1) and (A2) are 60 to 95 parts by weight of (A1) for 40 to 5 parts by weight of (A2).

23. (Previously Added) A coextrusion binder according to claim 1, wherein said unsaturated carboxylic acid has 2 to 20 carbon atoms.

24. (Previously Added) A coextrusion binder according to claim 1, wherein said unsaturated carboxylic acid is an unsaturated dicarboxylic acid having 4 to 10 carbon atoms.

25. (Previously Amended) A coextrusion binder according to claim 1, wherein the binder contains 5 to 20 parts by weight of (A) per 95 to 80 parts by weight of (B).

26. (Currently Amended) A multilayer structure comprising a layer comprising a coextrusion binder produced by a process comprising blending:

- 5 to 30 parts by weight of a polymer (A) ~~produced by a process comprising~~ cografting a blend of a polyethylene (A1) of relative density between 0.935 and 0.980 and of a polymer (A2) selected from the group consisting of elastomers, very low density polyethylenes and ethylene copolymers, the (A1) + (A2) blend with an unsaturated carboxylic acid of a metallocene polyethylene with 600 ppm - 6% by weight of an unsaturated carboxylic acid or its functional derivative with respect to the weight of grafted (A1) and (A2); and

- 95 to 70 parts by weight of a polyethylene (B) of relative density between 0.930 and 0.950;

the polyethylene (B) having:

- a relative density between 0.930 and 0.950,
- a content of grafted unsaturated carboxylic acid of between 30 and 10,000 ppm, and
- melt flow index measured according to ASTM D 1238 at 190°C/2.16 kg of between 5 and 100; directly attached to said binder, a layer (E) selected from the group consisting of a layer of a nitrogen-containing or oxygen-containing polar resin, a layer of polyamide resin, a layer of an aliphatic polyketone, a layer of a saponified ethylene-vinyl acetate copolymer (EVOH), a layer of polyester resin, and a metal layer.

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